

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : **Kazushige TAKECHI, et al.**  
Serial No. : **Concurrently Herewith**  
Filed : **Concurrently Herewith**  
Title : **LIQUID-CRYSTAL PANEL,...**

**10/574044**

March 28, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary regulations 37 CFR §§ 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of non-US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

For documents written in a language other than English, English language abstracts and/or explanations are annexed thereto explaining relevancy in accordance with 37 CFR §1.98 (a)(3).

Also attached is an International Search Report dated March 8, 2005, for corresponding International Application Number PCT/JP2004/018243 and a Rejection Notice dated December 20, 2005, with translation, for corresponding Japanese Application Number 2004-106300.

As this Statement is being filed prior to issuance of a first Office Action, no fee is due.

The present Disclosure Statement is being submitted in compliance with 37 CFR §1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an

admission that such document is necessarily relevant or prior art. No representation is intended

that the cited documents represent the results of a complete search, and it is anticipated that the

Examiner in the normal course of examination, will make an independent search and will

determine the best prior art consistent with 37 CFR §§1.104 (a) and 1.106 (b), and in the course

of such search will review for relevance every document cited on the attached form even if not

initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on  
Deposit Account 50-1290.

Respectfully submitted,

  
Brian E. Hennessey

Reg. No. 51,271

CUSTOMER NUMBER 026304

Docket No.: NECW 22.408

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## Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. <b>IAP5 Rec'd PCT/PTO 28 MAR 2006</b>
Filing Date		
First Named Inventor : K. TAKECHI		
Group Art Unit :		<b>10/574044</b>
Examiner Name :		
Attorney Docket No. : NECW 22.408		

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		2004/0027518		KATO ET AL.	02-12-2004	
		2004/0061121		UCHIDA	04-01-2004	
		2003/0018830		CHEN ET AL.	01-23-2003	
		2004/0058157		ISHIKAWA	03-25-2004	
		6,226,062		GU DONG-HYO ET AL.	05-01-2001	
		6,693,692		KANEKO ET AL.	02-17-2004	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		2004-45769	JP	TOYOTA INDUSTRIES CORP	02-12-2004	*,**,***
		2000-267092	JP	SEIKO EPSON CORP	09-29-2000	*,**
		2004-55461	JP	SEIKO EPSON CORP	02-19-2004	*,**,****
		2003-288983	JP	SEMICONDUCTOR ENERGY LAB CO LTD	10-10-2003	*,**,*****
		2004-025732	JP	FUJI PHOTO FILM CO LTD	01-29-2004	*,**,*****
		7-181461	JP	MATSUSHITA ELECTRIC IND CO LTD	07-21-1995	*,**
		10-96910	JP	LG ELECTRON INC	04-14-1998	*,**,*****
		2001-242456	JP	MATSUSHITA ELECTRIC IND CO LTD	09-07-2001	*,**
		2001-255521	JP	FUJI XEROX CO LTD	09-21-2001	*,**
		WO 00/75718	PCT	CITIZEN WATCH CO LTD	12-14-2000	*,**,*****
		2003-279983	JP	CITIZEN WATCH CO LTD	10-02-2003	*,**,*****

\* Mentioned in International Search Report dated March 8, 2005, for corresponding International Application PCT/JP2004/018243

\*\* English Abstract Attached

\*\*\* Corresponds to US Application 2004/0027518

\*\*\*\* Corresponds to US Application 2004/0061121

\*\*\*\*\* Corresponds to US Application 2003/0018830

\*\*\*\*\* Corresponds to US Application 2004/0058157

\*\*\*\*\* Corresponds to US Application 6,226,062

\*\*\*\*\* Corresponds to US Application 6,693,692

\*\*\*\*\* Mentioned in Rejection Notice dated December 20, 2005 for corresponding Japanese Application 2004-106300

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
		International Search Report dated December 2, 2003, for corresponding International Application PCT/JP2004/018243	
		Rejection Notice dated December 20, 2005 with translation, for corresponding Japanese Application 2004-106300	X

Examiner Signature	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.